<u>Volunteers work to save Key Deer from screw worms</u> October 20, 2016 Florida 7News - WSVN-TV

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Officials Turn to Drugs to Save Endangered Deer from Flesh-Eating Screwworms

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Saving Key deer from a deadly worm takes a new turn October 20, 2016 Florida, Miami Herald

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Attack of the flesh-eating screwworm pushes up Key deer death toll October 19, 2016 Florida, The Miami Herald

... New World screwworm flies have now caused the euthanization of nearly 10 percent of the endangered Key deer population ... As of Tuesday, the parasitic larvae had caused the euthanization of 97 Key deer ...

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Monitoring of Key deer with collars to end July 26, 2017 Florida, flkeysnews.com ... were monitoring them through fawning season to make sure none had New World screwworm, fly larvae that hatch and feed in open wounds of any warm-blooded animal

and basically eat it alive... nearly eight months since the last report of New World screwworm in the Florida ..,

#### The Key Deer Expedition July 11, 2017 Florida, The Ledger

... Key Deer may be endangered by numeric and emotional reasoning, their habitat is fragile, but they're essentially tame park animals with tourism value... as evidenced by the swift response by numerous governmental agencies and volunteers to eradicate the screwworm threat. Close human interaction might cost a few lives, human interaction will save a few more..,

## No more screwworm medications for Key deer as threat wanes April 12, 2017 Florida, Washington Times

... it's been over three months since the last confirmed screwworm infection in the National Key Deer Refuge..,

# <u>Wildlife agency phases out screwworm medicines for Key deer</u> March 23, 2017 Florida, Washington Times

... No wild screwworms have been found and no deer have died since early January..,

### <u>Florida has won the battle against screwworms</u> March 18, 2017 The Florida Times-Union Jacksonville

... The Florida Department of Agriculture and Consumer Services says it will wind down its response against flesh-eating maggots that threaten small, endangered deer in a national wildlife refuge in the Florida Keys...,

#### <u>Key deer outfitted with radio collars to fight screwworm</u> January 26, 2017 Florida, Miami Herald

... The collars will help biologists better monitor the does during the spring fawning season, when they are more vulnerable to infection by the flesh-eating flies... This month, two more deer died ...

<u>Surviving screwworm: One deer's recovery</u> January 25, 2017 Florida, KeysNews.com ... the endangered Key deer ... 135 deer — 125 males and 10 females — have perished from the flesh-eating parasite ... Killam put in a call to the refuge to have someone bring out screwworm medication immediately. She said they were only able to give the buck one dose ...

Nelson seeks federal funding as screwworm spreads to Florida mainland January 11, 2017 Florida, Palm Beach Post (blog)

... "More than 130 endangered Key deer have already fallen victim to the screwworm. We cannot allow the white-tailed deer population ... to collapse too ... In the Homestead area ... A stray dog found there Dec. 19 tested positive for the fly larvae...

## <u>Screwworm infestation kills endangered deer</u> January 4, 2017 Florida, American Veterinary Medical Association

... it is important that veterinarians contact their state veterinarian if they see suspicious or unusual clinical signs, including maggots in the tissue of a living animal. Dr. Charles M. Hendrix ... said fly larvae are common in animal wounds, although houseflies, blowflies, and flesh flies tend to lay eggs in contaminated wounds, while screwworms lay eggs in clean and uncontaminated ones and mucous membranes...

#### Radio collars latest weapon in Key deer screwworm outbreak December 22, 2016 Florida, Miami Herald

... Federal wildlife managers will begin putting radio collars on Key deer battling an outbreak of New World screwworm in an effort to stop the flesh-eating pest from spreading during the spring fawning season... biologists fear new births could reignite the outbreak of the flies, which feed on exposed live tissue ...

### <u>Killer screwworms cause another deer death</u> December 16, 2016 Florida, FLKeysnews.com

.... release of sterile screwworm flies to mate with wild flies since October has been a success in driving down the number of wild flies that create parasitic larvae in the deer... Still, having to euthanize endangered Key deer this late in the game is normal ...

#### <u>A Long-Gone Parasite Returns to Florida, Leaving a Trail of Dead Deer</u> November 25, 2016 New York Times

... deer stumbling around in confusion, howling in pain, found with their heads hideously disfigured — as if eaten alive... reappearance of a parasite known as the <a href="New World screwworm">New World screwworm</a> fly ... this is just the latest example of our failure to adequately protect people, agriculture and the environment from consequences of a shrinking world ...

New study places Key deer herd at 875 November 23, 2016 Florida, KeysNews.com ... roughly 875 following an outbreak of the flesh-eating New World screwworm ... the Key deer population has been increasing by roughly 3.5 percent annually since data was first collected on the herd in the early 1970s... that that percent will drop for 2016 due to deaths related to the outbreak...

<u>Screwworm is back — and it's bad news for Florida's endangered deer</u> November 13. 2016 PRI

... "There's a group [of deer] out here, sort of a subset of the population, that will come right up to you and eat out of your hand ... And that's something that we've always

discouraged in the past, but right now it's kind of working in our favor in this emergency situation." Eggleston's team is hand-feeding deer, giving them bread laced with ivermectin, an antiparasitic drug that can prevent infections ...

<u>Saving Key Deer Means New Relationships With Wild Animals</u> November 10, 2016 Florida, WLRN

... wildlife officials have implored people: Don't feed the deer... about 170 volunteers who've been trained to lure the deer close with carrots and apples — then give them bread soaked with medicine...

New weapon deployed in battle to stop Key deer screwworm outbreak November 8, 2016 Florida, Miami Herald

...The stations — feeding troughs baited with sweet corn, oats and other grains and rimmed with rollers coated with an anti-parisitic — should add another layer of protection to the endangered herd which now numbers about a thousand..,

<u>National effort fights screwworm outbreak</u> November 6, 2016 Florida, Tampabay.com ... The workers are a combination of biologists and veterinarians who are treating deer, performing research and informing the public about the screwworm outbreak... more than 170 volunteers in the Lower Keys treating deer with antiparasitic medication as a preventive measure and to treat screwworm...

Key deer can now self-medicate November 5, 2016 Florida, FlKeysNews.com ...treated for New World screwworm ... Tempted by sweet feed, a mixture of grains, oats and cracked corn, deer living in less-populated areas are drawn to the mechanisms, where they rub up against paint-rollers coated in antiparasitic medication doramectin...

<u>Workers from all over US collaborate on screwworm outbreak</u> November 5, 2016 Florida, FlKeysNews.com

... aggressive efforts have been taken to fix the crisis. ... Among the 88 workers in the Keys are 43 officers from the U.S. Fish and Wildlife Service's National Wildlife Refuge System. They are working at the National Key Deer Refuge on Big Pine Key and surrounding islands...

<u>Travel restrictions announced for livestock, pets entering Utah from Florida</u> November 4, 2016 Deseret News

... In early October New World screwworm was found in wild deer and pets in the Florida Keys. Screwworm was eradicated from the U.S. beginning in the 1950s with the release of sterile male flies in the wild ...

Herd OK despite death toll November 2, 2016 Florida, KeysNews.com (registration)

... the number of deer either euthanized or found dead due to screwworm infestation was 123, with the vast majority being males who were injured when battling each other for mates during rutting season. Their resulting wounds created entry points for the parasites... 119 were male and four were female ...

<u>Sterile screwworm flies now released in Marathon</u> November 2, 2016 Florida, flkeysnews.com

... "We will continue to do sterile fly releases for up to three life cycles after the last wild fly or last positive case of screwworm infestation is identified ... "If they [Key deer] have an infestation, the maggots are pulled off by hand and the deer get some medication at the wound site," ...

<u>Millions of sterile screwworm flies released, and counting</u> October 29, 2016 Florida, FlKeysNews.com

... Key deer deaths stemming from New World screwworms ... does not know how long it will take before the screwworms that feed on live tissue in warm-blooded animals is eradicated... 119 Key deer have had to be euthanized...

Key deer deaths slowing down October 26, 2016 Florida, flkeysnews.com ... even though the parasitic screwworm larvae have caused the deaths of 114 Key deer, none had to be euthanized Tuesday. He said officials are optimistic the numbers will continue to come down ... After receiving a dose of doramectin on a piece of bread, the deer are marked with nontoxic paint in a specific color for the day they're treated ..,

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... New World screwworm flies have now caused the euthanization of nearly 10 percent of the endangered Key deer population ... As of Tuesday, the parasitic larvae had caused the euthanization of 97 Key deer ..,

<u>Can the rare, tiny Key deer survive a flesh-eating worm?</u> October 17, 2016 Florida, Miami Herald

... As of Wednesday, wildlife managers had confirmed 70 dead deer in a herd estimated at just 800 to 1,000. It's too soon to tell what toll the outbreak will take or whether it could wipe out the herd,.. The screwworm, not seen in the U.S. since the 1960s, is leaving open wounds on the deer ..,

<u>The emotional toll of euthanizing 'zombie deer' infested with screwworm October 15, 2016 Florida, The Miami Herald</u>

... Another was found in the middle of a park where kids were playing nearby, its head eaten away by the screwworm maggots that have caused about 83 deaths — 51 in the

past two weeks — among the 1,000-member herd of Key deer, found only in the Florida Keys..,

#### Florida using 'overwhelming force' to fight flesh-eating screwworms October 12, 2016 CNN

... confirmed a local infestation of New World screwworm in Key deer ... first local infestation in the nation in more than three decades ... The way we interrupt that life cycle is to release high numbers of male flies that have been sterilized ..,

# <u>Screwworm infestation called a 'grave threat' to deer population</u> October 10, 2016 Florida. Miami Herald

... the number of confirmed dead Key deer is closer to 60... A plane carrying sterile male flies is set to arrive at Florida Keys Marathon International Airport on Tuesday ...

# <u>Screwworm-infected Key deer to be incinerated, sterile flies being brought in to combat problem</u> October 8, 2016 Florida, flkeysnews.com

... more than 52 of the nearly 1,000 endangered Key deer at the National Key Deer Refuge on Big Pine Key had been euthanized in the past several months due to the infestation of New World screwworm larvae....

Flesh-Eating Worms Have Returned to Florida October 7, 2016 The Atlantic ... U.S. officials confirmed that the screwworm is back. Poor deer in a wildlife refuge in the Florida Keys had somehow picked up the parasite, the U.S.'s first local infestation in 30 years... Last time, the U.S. eradicated the screwworm by releasing sterile males ...,

<u>Screwworm-infected deer in 'gory condition'</u>October 5, 2016 Florida, flkeysnews.com ... photos of Key deer with heads half-gone show the deadly effects of New World screwworm. More than 40 of the nearly 1,000 endangered Key deer living at the National Key Deer Refuge on Big Pine Key have been euthanized ...,

# <u>USDA Confirms New World Screwworm Cases in Big Pine Key</u> October 3, 2016 Florida, Florida Department of Agriculture & Consumer Services

The United States Department of Agriculture's (USDA) Animal and Plant Health Inspection Service (APHIS) confirmed the presence of New World screwworm in Key deer from a wildlife refuge in Big Pine Key, Florida. USDA's National Veterinary Services Laboratories in Ames, Iowa, confirms this is a local infestation of New World

screwworm. This is the first local infestation in the United States in more than 30 years. In response to this infestation, Florida Commissioner of Agriculture Adam H. Putnam today declared an <u>agricultural state of emergency in Monroe County</u>, Florida. More information on the screwworm is available at FreshFromFlorida.com...,

<u>Screwworm infestation threatens tiny deer in Florida Keys</u> October 3, 2016 Lexington Herald Leader

... about 40 of the 3-feet-tall Key deer have had to be euthanized over the last month due to the screwworm infestation..